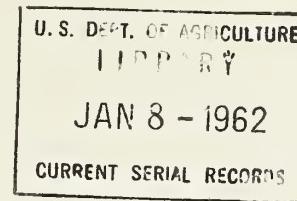


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X TURKEY

PERFORMANCE TESTS

< 1961)

Results of Central Turkey Meat
Production Tests
with Statistical Significance
of Differences Between Entries X

Agricultural Research Service
UNITED STATES DEPARTMENT OF AGRICULTURE

FOREWORD

This publication contains a summary of each of seven turkey meat production tests conducted in 1961. The tests conducted in Kansas, Minnesota, Nebraska, North Carolina, North Dakota, and Pennsylvania followed the procedures for Central Turkey Meat Production Tests as provided in the National Turkey Improvement Plan. The detailed provisions for the tests are contained in USDA Miscellaneous Publication 739. Copies of this publication may be obtained from Official State Agencies for the National Turkey Improvement Plan or by writing directly to the Poultry Research Branch, AH Division, Agricultural Research Center, Beltsville, Maryland.

The California test was conducted in accordance with rules prescribed by the supervising agency. Copies of these rules may be obtained from the Poultry Improvement Commission, Route 3, 2718 No. 99 Highway, Modesto, California.

INTRODUCTION

TESTING PROCEDURES

The procedures used by the California test differ in some respects from those used in tests following the provisions of the National Turkey Improvement Plan. The principal differences involve the traits measured and the methods of determining the average weights of the entries. The California test did not report body measurements (breast width, body depth and keel length) but did report a "consumer acceptability" score, based on an evaluation of a random sample of each entry. The entries were grown separately in replicated pens and average weights were determined by bulk weighing by pens rather than by weighing individual birds.

The tests conducted in accordance with the Plan provisions followed the same general procedures but there were variations in test facilities and the details of the methods used. Some of the variations between these tests are as follows:

Sampling: The same methods were used by all tests in obtaining the samples of poult for the entries. A representative of the entrant's Official State Agency selected a sample of eggs from a supply being used to produce poult of the stock entered. A prescribed method of randomization to provide a sample that was typical of the entire supply was followed. The eggs from all entrants in each test were set in the same incubators and from the salable poult hatched, 100 were selected as the entry. The poult were individually identified by wing bands.

In a few cases the egg sample did not produce enough salable poult and the entry started with less than 100 birds. However, since the performance data is collected on an individual bird basis these variations gave no advantage or handicap to the affected entries in the final results.

Housing: In all tests, except North Carolina, the poult from all entries were intermingled under the brooders. In North Carolina the entries were separated and each entry was equally divided between two pens. When the poult were 8 weeks old, the number of poult per entry was reduced by random selection to 80 birds. In the Kansas test, 25 poult of each sex from each entry were placed into separate pens at 8 weeks and the results reported were based on the performance of these birds. In Pennsylvania the entries and sexes were separated at 6 weeks. In the Minnesota, Nebraska, and North Dakota tests the entries were intermingled throughout the test, except that in Nebraska and North Dakota the bronze entries were separated from the white entries.

In most tests the birds were confined to a house throughout the test but in Kansas and Nebraska outside ranges were used after 8 weeks and in North Dakota small pens adjacent to the house were provided.

Growing Periods: There were variations between tests in the length of the growing period. In North Carolina the hens were killed at 21 weeks while in the other tests the hens were grown to 22 weeks of age. Toms were killed in North Carolina and North Dakota at 24 weeks, in Minnesota and Pennsylvania, at 25 weeks, and in Kansas and Nebraska at 26 weeks. The starting dates were: Kansas, April 20; Minnesota, May 8; Nebraska, April 25; North Carolina, April 26; North Dakota, May 4; Pennsylvania, June 14.

Live Weights: In each test the birds were weighed at 12 weeks of age and again just before killing. Additional intermediate weights were taken at some of the tests.

Eviscerated Weights: The eviscerated weights reported are the weights of the fully dressed carcasses and include the weight of neck and giblets. In Kansas, Minnesota and North Carolina the average weight of the giblets was added to the actual weight of the carcass and neck. The other tests weighed the carcasses after the giblets were inserted, but no provisions were made to insure the return of giblets to the carcass from which they were removed.

In Kansas and Pennsylvania the carcasses were weighed immediately after dressing while in Minnesota they were placed in chill tanks for several hours before weighing. In the other tests the carcasses remained in chill tanks overnight before weighing.

Body Measurements: There were also variations in the methods of making body measurements. The Minnesota test measured the live birds, Kansas and Nebraska the eviscerated birds, and the other tests measured at the New York dressed stage. In Pennsylvania all measurements, and in North Dakota body depth and keel length measurements were made while the birds were suspended by the head. In all other tests measurements were made while the birds were suspended by the feet.

TESTING PROCEDURES - Continued

Grading: All grading is done by licensed graders and is based on USDA standards. However, the graders are instructed to disregard defects due to faulty handling during the dressing process and there are undoubtedly between-test-variations in the way this deviation from normal grading is applied.

Defects: The specific defects, pendulous crop, roach back, leg weakness, and breast blisters are recorded when observed at any time during the growing period or dressing process. However, only those defects that occur on birds that subsequently die or are graded other than A are included in the test report.

Feed Conversion: Feed efficiency was measured by the tests in Kansas, North Carolina, and Pennsylvania, and is reported as the pounds of feed required to produce a pound of live turkey from one day of age to time of slaughter. Feed consumption per entry was estimated for the initial period prior to the separation of the entries and in North Carolina prior to the reduction in number of birds per entry. The estimated feed consumption per entry during the initial period is based on the feed conversion ratio of the intermingled unit and the weight of the entry at the end of the period. During the remainder of the test, the weight of feed consumed was recorded by entries.

The test reports include feed conversion ratios as computed by each of two methods. The results reported under Method 1 reflect the pounds of feed required to produce a pound of marketable turkey. This method of computation is most commonly used by commercial growers and is more likely to reflect the probable overall economic returns. However, in this method the ability of the stock to convert feed to meat may be confounded by mortality which occurred during the growing period. Method 2 tends to eliminate the influence of mortality by adding to the weight of the marketable turkeys the weight at time of death of the birds that died before the end of the test.

EVALUATION OF RESULTS

In the evaluation of the results, no direct comparison should be made between entries in different tests. Since differences in the performance of entries in different tests may be due to variations in testing procedures, direct comparisons of results reported in this summary should be made only between entries within a test.

In comparing entries, the possibility of differences due to chance alone should be recognized. Obviously, small differences may be due to chance rather than to a genetic difference in the stocks tested. However, differences should not be ignored solely because they are small nor should larger differences be accepted as signifying genetic differences because they are large.

It would be difficult to determine precisely what part of the difference between two entries was due to a true genetic difference in the stocks and that which was due to chance alone. Statistical procedures may be applied to test data which will indicate the probability of similar differences occurring in subsequent tests. The NTIP provides that one of these procedures, such as Duncan's Multiple Range Test, be applied to central turkey meat production tests and the results included in the national summary.

STATISTICAL SIGNIFICANCE OF DIFFERENCES

In applying Duncan's Multiple Range Test, the weights and measurements of each entry are compared to those of each other entry. The differences occurring are tested to determine whether they are statistically significant. The results of the statistical analysis are reported in a line chart which was prepared as follows: (1) For each test and for each trait measured, the entry numbers (shown with the entrant's name in the tables of results) were arranged with the entry having the largest weight or measurement on the left and in descending order to the smallest on the right. (2) A line (underscore) was then drawn under the first entry number and was extended under the number of each entry which did not differ significantly from the first entry. (3) This procedure was followed for each entry in the test.

In the completed chart, those entries whose numbers are underscored by a common line are not significantly different. For example, in the following illustration, entry No. 3 was the largest but not statistically different from entries 5 and 2. Entry 5 was not significantly different from 3, 2, 4, or 9 but was significantly larger than 10, 8, 7, 1 and 6. Entry 6 was the smallest but was not significantly smaller than 7 or 1.

Entry No.	3	5	<u>2</u>	4	9	10	8	7	1	6
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EXPLANATION OF TERMS AND ABBREVIATIONS

Entrant: In the tables of results only the abbreviated names of the entrants and the State in which they are located are given. The complete names and addresses of all entrants appear on pages 6, 7, and 8.

Kind of Stock:

BBB	-	Broad Breasted Bronze
BBW	-	Broad Breasted White
BSW	-	Beltsville Small White
MW	-	Medium White
BR	-	Breeder Replacement
SF	-	Supply Flock
SC	-	Strain Cross
VX	-	Variety Cross

Mating Procedure:

Nat.	-	Natural mating
Art.	-	Artificial insemination
Both	-	Natural mating, supplemented with artificial insemination

Feed Conversion: The figures reported represent the pounds of feed used to produce one pound of live turkey.

Method 1. Includes the weight of marketable turkeys only.

Method 2. Includes the weight of marketable turkeys plus the weight at time of death of birds that died during the growing period and the final weight of other unmarketable birds.

Eviscerated Weight: The weight of the fully dressed birds, including the neck and giblets.

Eviscerated Yield: The eviscerated weight expressed as a percentage of the live weight.

Body Measurements:

Breast Width - Measured at the widest point 1 3/4 inches above the keel.

Body Depth - Measured at the deepest point.

Keel Length - Measured as a straight line between the front and rear ends of the keel.

Grades: Percentage of birds in each grade is computed from the number of birds graded.

Defects: Percentage of birds with defects is computed from the number of birds started.

Consumer Acceptability: The figures reported by the California test for Conformation, Finish and Uniformity are the scores assessed by a panel of three judges. Scores used by the judges are as follows: 5 - Excellent, 4 - Good, 3 - Average, 2 - Below Average and 1 - Poor.

ENTRANTS IN 1961 CENTRAL TURKEY MEAT PRODUCTION TESTS

Name and Address of Entrant	Variety	Strain or Trade Name	Mating Pro- cedure	Tests and Kind of Stock Entered					
				Cal.	Kans.	Minn.	Nebr.	N. C.	N. D.
Amerine Turkey Breeding Farms, Inc. Rt. 2, Box 783, Oakdale, Calif.	BBB	Amerine	Art.	SF					
Anderson Turkey Farm Belchertown, Massachusetts	BBB	Anderson	Art.					SF	BR
Anderson Turkey Farm Belchertown, Massachusetts	BBW	Anderson Blockbuster	Art.				BR		
Anderson Turkey Hatchery Frazee, Minnesota	BBB	Nordman	Both			BR			
Brady Turkey Farm & Hatchery Rt. 2, Paola, Kansas	BBW	Nicholas	Both		SF				
Browning Turkey Farms Winchester, Kentucky	BBB	Browning	Both	SF	SF	BR	BR	SF	BR
Burlington Hatchery, Inc. Burlington, Kansas	BBB	Rose-A-Linda	Both		SF				BR
California Royal Turkeys, Inc. Box 184, Roseville, California	VX	California Royal	Both	SF					
Central Kansas Hatchery, Inc. Moundridge, Kansas	BBW	Keithley	Both		SF				SF
Central Kansas Hatchery, Inc., .Moundridge, & Manhattan Hatchery, Manhattan, Kansas	BBB	Kimber KB-33 (SC)	Both		SF				
Dietzel Turkey Hatchery Atchison, Kansas	MW	Wrolstad	Nat.		SF				
Ephrata Turkey Farms, Inc. Ephrata, Pennsylvania	BBB	Hamilton (SC)	Art.						SF
Farmers Hatchery Co. Wadena, Minnesota	BBB	Farmers	Both			SF			
Gibbon Turkey Hatchery Shelton, Nebraska	BBB	Nebraska Hunter	Both				SF		
Gozzi Breeding Farms, Inc. Guilford, Connecticut	BBW	Gozzi	Both				SF		BR
Gozzi Breeding Farms, Inc. Guilford, Connecticut	BBW	Gozzi 300	Art.			SF			
Hart's Hatchery, Inc. Medford, Oregon	BBB	Hart- Schneider	Nat.	BR					BR
Hildebrand Turkey Hatchery Seward, Nebraska	BBB	Hildebrand	Nat.				SF		
Hilltop Turkey Farm & Hatchery Rt. 3, McPherson, Kansas	BBB	Schmidt	Both		SF				
Hilltop Turkey Farm & Hatchery Rt. 3, McPherson, Kansas	BBW	Wilford 4C94	Both		SF				
Janes Bar Nothing Ranch, Inc. Austin, Texas	BBB	Janes Male #1	Art.				BR		
Janssen Farms Hatcheries Zeeland, Michigan	BBB	Janssen "Dutch Boy"	Both	SF		SF	SF	SF	SF
Janssen Farms Hatcheries Zeeland, Michigan	BBW	Janssen "Dutch Boy"	Both	SF		SF	SF	SF	SF
Jensen Turkey Ranch Santa Ana, California	BBB	J-X (SC)	Both			SF	SF		
Jerome Turkey Hatchery Barron, Wisconsin	BBW	Superline	Both				SF		
Johnson Turkey Hatchery Rose Hill, North Carolina	BBB	Johnson	Art.					SF	
Kimber Turkey Breeding Farms 5695 E. Shields Ave., Fresno, Calif.	BBB	KB-33 (SC)	Both	SF					
Kimber Turkey Breeding Farms 5695 E. Shields Ave., Fresno, Calif.	BBW	KW-66 (SC)	Both	SF			SF	SF	
Lake's Silver Dollar Turkey Hatchery Marysville, Kansas	BBB	Meadowbrook MBX-100(SC)	Both		SF				
Land O'Lakes Inc. Minneapolis, Minnesota	BBB	Kimber KB-33 (SC)	Both			SF			

ENTRANTS IN 1961 CENTRAL TURKEY MEAT PRODUCTION TESTS - Continued

Name and Address of Entrant	Variety	Strain or Trade Name	Mating Pro- cedure	Tests and Kind of Stock Entered					
				Cal.	Kans.	Minn.	Nebr.	N. C.	N. D.
Land O'Lakes, Inc. Valley City, North Dakota	BBB	Kimber KB-33 (SC)	Both				SF		SF
Land O'Lakes, Inc. Minneapolis, Minnesota	BBW	Kimber KW-66 (SC)	Both			SF			
Marston's Turkeyland Zephyrhills, Florida	BSW	Marston	Nat.	SF					BR
Meadowbrook Turkey Farms R. D. 2, Box 810, Roseville, Calif.	BBB	Meadowbrook MBX-100 (SC)	Both	BR			BR		BR
Menefee Turkey Ranch, Inc. R. D. 1, Yamhill, Oregon	BBB	Menefee	Both				SF		SF
Miller Hatchery, Ltd. Winnipeg, Manitoba, Canada	BBB	Ploen	Nat.				SF		SF
Morrow, J. M., Farms Carthage, Missouri	BBB	Morrow Str. #2	Nat.				SF		
Morrow, J. M., Farms Carthage, Missouri	BBB	Morrow Str. #3	Nat.			SF			
Newport Turkey Breeding Farm Rt. 1, Box 19, Tangent, Oregon	BBB	Newport Certified	Both	SF					
Nicholas Canada, Ltd. Strathroy, Ontario, Canada	BBB	Nicholas (SC)	Art.				SF		
Nicholas Canada, Ltd. Strathroy, Ontario, Canada	BBW	Nicholas	Both				BR		
Nicholas Turkey Breeding Farms, Inc. 865 W. Napa St., Sonoma, Calif.	BBB	Nicholas (SC)	Both	SF	SF	SF	SF		
Nicholas Turkey Breeding Farms, Inc. 865 W. Napa St., Sonoma, Calif.	BBB	Nicholas Male Line	Both						BR
Nicholas Turkey Breeding Farms, Inc. 865 W. Napa St., Sonoma, Calif.	BBW	Nicholas	Both	SF		SF	SF	SF	SF
Nokota Hatchery Devils Lake, North Dakota	BBW	Nicholas	Art.						SF
Norbrest Turkey Growers Association Salt Lake City, Utah	BBB	Selma- Hunter 326	Both				SF		
Nordman, C. L. & Sons 2835 S. Los Banos Highway Merced, California	BBB	Nordman	Both	BR					
Oregon Giant Turkeys McMinnville, Oregon	BBB	Oregon Giant	Both					BR	
Palmateer Turkey Farm & Hatchery R. D. 1, Elverson, Pennsylvania	BBB	Rose-A-Linda	Both						SF
Pinola Hatchery R. D. 3, Shippensburg, Pa.	BBW	Martin	Art.						SF
Pozo Turkey Ranch Box 54, Star Route, Santa Margarita, California	BBB	Pozo	Art.	SF					
Rose-A-Linda Turkey Farms 7842 Elmont Ave., Elverta, Calif.	BBB	Rose-A-Linda	Both				SF		
Schultz, Fred W. & Son Box 246, Croton Falls, New York	BBW	Schultz (SC)	Art.						SF
Segars Turkey Breeding Ranch Box 1008, Turlock, California	BBW	Segars	Both	SF			SF	SF	SF
Shaw, Glenn F. R. D. 2, Amherst, Massachusetts	BBW	Shaw	Both						SF
Shearer, Robert K. R. D. 1, Reinholds, Pennsylvania	BBB	Shearer	Art.						SF
Sjulson's Turkey Hatchery St. Hilaire, Minnesota	BBB	Sjulson	Both			SF			
Stants Turkey Farm & Hatchery Abilene, Kansas	BBW	Segars	Both		SF				
Waite's Turkey Hatchery Eldon, Missouri	BBB	Waite's King Size	Both		SF		SF		

ENTRANTS IN 1961 CENTRAL TURKEY MEAT PRODUCTION TESTS - Continued

Name and Address of Entrant	Variety	Strain or Trade Name	Mating Pro- cedure	Tests and Kind of Stock Entered				
				Cal.	Kans.	Minn.	Nebr.	N. C. N. D. Penn.
Warren's Turkey Farm Rehoboth, Massachusetts	BBW	Pilgrim White	Both	BR			SF	
Washore Turkey Association 920 Stark, Portland, Oregon	BBB	Hamilton (SC)	Both			SF		
Welkona Turkeys, Inc. Kalona, Iowa	BBB	Wheeler	Both		SF	SF		SF
Welp's Breeding Farm Bancroft, Iowa	BBB	Welp B 1020	Both		SF			
Wenzel Turkey Farm Garden Prairie, Illinois	BBB	Wenzel	Both				SF	
Wila Turkey Ranch Wila, Pennsylvania	BBW	Keithley	Art.					SF
Williams Hatchery Box 2, Oakdale, California	BBB	Williams	Both	BR	SF	SF	SF	BR SF
Williams Hatchery Box 2, Oakdale, California	BBB	Williams (SC)	Both	SF				

STOCKS ENTERED IN 1961 CENTRAL TURKEY MEAT PRODUCTION TESTS

Strain or Trade Name	Tests Entered							Strain or Trade Name	Tests Entered						
	Calif.	Kans.	Minn.	Nebr.	N. C.	N. D.	Penn.		Calif.	Kans.	Minn.	Nebr.	N. C.	N. D.	Penn.
Bronze								Bronze							
Amerine	X							Selma-Hunter 326				X			
Anderson								Shearer							X
Browning	X	X	X	X	X	X	X	Sjulson		X	X				
California Royal	X							Waite's King Size							
Farmers			X					Welp B 1020							
Hamilton (SC)				X				Wenzel							
Hart-Schneider	X							Wheeler							
Hildebrand				X				Williams	X	X	X	X	X	X	X
Janes Male #1				X				Williams (SC)	X						
Janssen Dutch Boy	X		X	X	X	X	X	White							
Jensen J-X			X	X				Anderson Blockbuster				X			
Johnson					X			Gozzi				X			X
Kimber KB-33 (SC)	X	X	X					Gozzi 300							X
Meadowbrook				X				Janssen Dutch Boy	X	X	X	X	X	X	X
MBX-100 (SC)	X	X				X		Keithley		X					X
Menefee				X				Kimber KW-66 (SC)	X	X	X	X	X		
Morrow Strain #2					X			Marston	X						
Morrow Strain #3			X					Martin							X
Nebraska Hunter				X				Nicholas	X	X	X	XX	X	XX	X
Newport Certified	X							Pilgrim White	X						
Nicholas (SC)	X	X	X	XX				Schultz	X						X
Nicholas Male Line								Segars	X	X					X
Nordman	X		X					Shaw							X
Oregon Giant					X			Superline				X			X
Ploen					X			Wilford 4C94		X					
Pozo	X					X		Wrolstad		X					
Rose-A-Linda		X													
Schmidt	X	X													

CALIFORNIA RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

Statistical Significance of Differences Between Entries

Final Live Weight

Toms
Entry No. 19 18 1 2 7 10 5 14 12 4 13 8 16 3 11 15 17 6 9

Hens
Entry No. 1 19 5 18 7 10 2 14 12 4 17 16 13 8 15 6 11 3 9

Eviscerated Weight

Toms
Entry No. 19 1 18 2 7 10 5 14 12 4 11 13 3 15 8 16 17 6 9

Hens
Entry No. 1 19 5 18 7 10 12 14 2 4 17 13 16 15 8 6 11 3 9

Eviscerated Yield

Toms
Entry No. 10 12 19 14 3 18 15 11 7 5 1 4 8 2 17 13 16 9 6

Hens
Entry No. 12 11 5 14 10 15 19 17 9 18 4 1 3 7 13 6 2 16 8

Conformation

Toms
Entry No. 5 18 19 7 15 1 10 9 12 14 17 6 4 8 11 16 2 13 3

Hens
Entry No. 5 12 17 19 10 18 1 7 14 15 6 9 13 16 2 4 8 3 11

Finish

Toms
Entry No. 5 10 1 15 18 12 19 7 17 2 11 14 4 6 9 3 13 16 8

Hens
Entry No. 1 5 7 9 19 18 2 10 13 15 17 16 3 4 6 12 14 11 8

Uniformity

Toms
Entry No. 15 3 5 8 10 18 1 2 6 7 9 13 14 16 17 19 4 11 12

Hens
Entry No. 5 1 4 8 9 13 15 17 19 18 2 6 10 12 7 14 16 8 11

CALIFORNIA RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

ENTRANT	STRAIN OR TRADE NAME	COLOR	MORTALITY (%)			SEX	AVERAGE LIVE WEIGHT (lbs)						FEED CONVERSION	
			2 WEEKS	8 WEEKS	END OF TEST		7* WEEKS	9* WEEKS	WEEKS	WEEKS	22 WEEKS	26 WEEKS	METHOD 1	METHOD* 2
1. Amerine California	Amerine	B	1.1	1.7	7.3	Toms Hens	3.5	5.7			15.9	29.5		3.50
2. Browning Kentucky	Browning	B	2.3	4.5	9.7	Toms Hens	3.5	5.6			14.8	29.3		3.73
3. Calif. Royal California	Calif. Royal	B	0.0	0.6	3.3	Toms Hens	3.0	5.1			13.3	26.8		3.56
4. Hart Oregon	Hart-Schneider	B	0.0	0.6	3.3	Toms Hens	3.2	5.2			14.7	27.2		3.55
5. Janssen Michigan	Janssen Dutch Boy	B	4.0	4.6	9.7	Toms Hens	3.5	5.5			15.5	28.5		3.50
6. Janssen Michigan	Janssen Dutch Boy	W	0.0	0.0	3.9	Toms Hens	3.2	5.0			14.1	25.9		3.48
7. Kimber California	Kimber KB-33	B	1.1	1.6	3.9	Toms Hens	3.3	5.6			15.4	29.1		3.67
8. Kimber California	Kimber KW-66	W	2.3	2.9	6.2	Toms Hens	3.4	5.5			14.3	26.9		3.58
9. Marston Florida	Marston	SW	2.3	2.9	3.5	Toms Hens	2.7	4.4			10.5	20.9	Reported	3.88
10. Meadowbrook California	Meadowbrook MBX-100 (SC)	B	0.6	0.6	1.1	Toms Hens	3.4	5.5			15.1	28.8		3.52
11. Newport Oregon	Newport Certified	B	1.8	2.4	7.0	Toms Hens	2.9	4.6			13.8	26.8		3.55
12. Nicholas California	Nicholas (SC)	B	0.6	1.4	5.1	Toms Hens	3.3	5.4			14.9	27.4	No	3.48
13. Nicholas California	Nicholas	W	1.7	4.0	6.3	Toms Hens	3.4	5.5			14.4	27.0		3.68
14. Nordman California	Nordman	B	1.1	1.1	4.5	Toms Hens	3.3	5.3			14.9	27.7		3.54
15. Pozo California	Pozo	B	3.0	4.1	7.0	Toms Hens	3.3	5.3			14.2	26.7		3.51
16. Segars California	Segars	W	1.1	1.7	5.6	Toms Hens	3.0	5.4			14.5	26.8		3.57
17. Warren Massachusetts	Pilgrim White	W	4.4	5.0	7.8	Toms Hens	3.3	5.1			14.6	26.0		3.52
18. Williams California	Williams	B	1.1	2.8	4.0	Toms Hens	3.3	5.5			15.5	29.6		3.48
19. Williams California	Williams (SC)	B	1.2	2.4	5.8	Toms Hens	3.4	5.6			15.7	29.8		3.52
Average All Entries		B & W	1.6	2.4	5.5	Toms Hens	3.3	5.3			14.5	27.4		3.57
Avg. Bronze Entries		B	1.4	2.2	5.5	Toms Hens	3.3	5.4			14.9	28.2		3.55
Avg. White Entries		W	2.0	2.8	5.6	Toms Hens	3.2	5.2			13.7	25.6		3.62

* Both sexes

CALIFORNIA RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

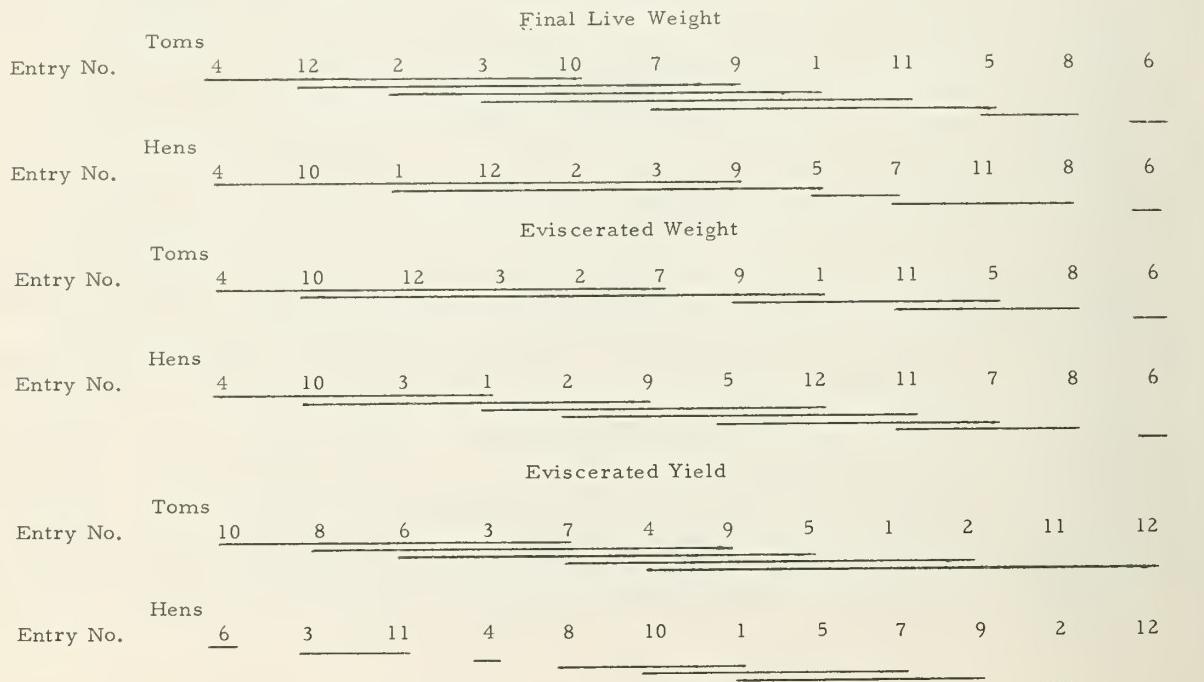
EVISCERATED		Consumer Acceptability		OVER-ALL QUALITY % U. S. GRADE			% U. S. GRADE A FOR:			PERCENT WITH:			ENTRANT		
WEIGHT (lbs)	YIELD (%)	Con-form-ation	Fin-ish	Uni-form-ity	A	B	C	FLESHING	FINISH	FREEDOM OF PIN-FEATHERS	PENDULOUS CROP	ROACH BACK	LEG WEAKNESS	BREAST BLISTERS	
24.7	82.5	3.3	3.3	3.0	86.4	11.3	2.3				2.2	0.0	2.3	0.0	1.
13.2	82.5	3.5	3.5	3.7	71.3	21.0	7.7				3.4	1.1	1.1	0.0	Amerine
24.0	82.0	2.9	3.0	3.0	82.0	11.7	6.3				5.8	0.0	1.2	2.3	2.
12.3	81.8	3.2	3.2	3.2	86.0	8.7	5.3				4.4	0.0	0.0	0.0	Browning
22.1	82.7	2.8	2.8	3.5	84.7	8.0	7.3				1.1	0.0	0.0	3.3	3.
11.0	82.5	2.8	3.0	2.7	80.7	12.7	6.6				4.7	0.0	0.0	0.0	Calif. Royal
22.4	82.3	3.0	3.0	2.5	80.4	11.3	8.3				2.2	0.0	0.0	3.3	4.
12.1	82.6	3.2	3.0	3.7	80.3	15.7	4.0				2.1	0.0	0.0	0.0	Hart
23.5	82.6	3.5	3.4	3.5	71.7	14.0	14.3				6.9	2.1	0.0	2.2	5.
12.9	83.1	3.9	3.5	4.0	77.7	11.3	11.0				5.4	1.0	0.0	0.0	Janssen
21.1	81.6	3.1	3.0	3.0	86.0	6.3	7.7				6.8	0.0	0.0	0.0	6.
11.5	81.9	3.4	3.0	3.2	90.0	4.7	5.3				3.3	0.0	0.0	0.0	Janssen
24.0	82.6	3.4	3.1	3.0	84.3	6.7	9.0				2.3	2.3	2.3	2.3	7.
12.7	82.2	3.5	3.5	3.0	79.3	9.7	11.0				3.1	0.0	0.0	0.0	Kimber
22.0	82.1	3.0	2.7	3.5	84.7	6.0	9.0				3.4	0.0	0.0	2.3	8.
11.6	81.7	3.0	2.8	3.7	87.7	5.0	7.3				1.1	1.1	0.0	0.0	Kimber
17.1	81.7	3.2	3.0	3.0	90.7	8.3	1.0				1.1	0.0	0.0	0.0	9.
8.7	82.7	3.3	3.4	3.5	91.4	5.3	3.3				0.0	0.0	0.0	0.0	Marston
23.9	83.2	3.3	3.4	3.5	82.3	9.7	8.0				3.4	0.0	0.0	4.5	10.
12.6	83.1	3.6	3.2	3.2	82.0	12.0	6.0				3.3	1.1	0.0	0.0	Meadowbrook
22.1	82.7	3.0	3.0	2.5	76.7	11.0	12.3				2.3	4.5	0.0	3.3	11.
11.4	83.2	2.8	2.9	2.7	89.7	4.7	5.6				0.0	0.0	1.1	1.1	Newport
22.8	83.2	3.2	3.2	2.5	81.7	11.0	7.3				3.5	2.3	0.0	0.0	12.
12.5	84.0	3.8	3.0	3.2	68.7	21.0	10.3				4.4	1.1	0.0	0.0	Nicholas
22.1	82.0	2.9	2.8	3.0	88.7	7.7	3.6				4.6	0.0	1.1	1.1	13.
11.8	82.1	3.3	3.2	3.5	84.7	8.0	7.3				3.4	1.1	0.0	0.0	Nicholas
23.0	82.9	3.2	3.0	3.0	80.0	7.3	12.7				2.2	1.1	0.0	4.5	14.
12.4	83.1	3.5	3.0	3.0	78.4	15.3	6.3				5.6	1.1	0.0	0.0	Nordman
22.1	82.7	3.4	3.3	4.0	91.0	7.0	2.0				1.1	0.0	0.0	0.0	15.
11.8	83.0	3.5	3.2	3.5	94.0	2.3	3.7				1.1	0.0	0.0	0.0	Pozo
22.0	82.0	3.0	2.8	3.0	87.0	6.0	7.0				1.1	0.0	1.1	1.1	16.
11.8	81.7	3.3	3.1	3.0	84.0	9.3	6.7				5.5	0.0	0.0	0.0	Segars
21.4	82.0	3.2	3.1	3.0	79.3	10.7	10.0				7.2	1.3	1.2	0.0	17.
12.1	82.7	3.7	3.2	3.5	86.0	2.7	11.3				5.2	0.0	0.0	0.0	Warren
24.4	82.7	3.5	3.3	3.5	64.0	30.3	5.7				1.1	1.2	0.0	2.3	18.
12.8	82.7	3.6	3.3	3.3	78.3	16.0	5.7				1.1	0.0	0.0	0.0	Williams
24.8	83.1	3.5	3.2	3.0	86.0	7.3	6.7				0.0	0.0	2.2	1.1	19.
13.1	83.0	3.7	3.4	3.5	80.7	14.3	5.0				3.6	0.0	0.0	0.0	Williams
22.6	82.5	3.2	3.1	3.1	82.5	10.1	7.4				3.1	0.8	0.6	1.8	Average All Entries
12.0	82.6	3.4	3.2	3.3	82.7	10.5	6.9				3.2	0.4	0.1	0.1	
23.4	82.7	3.2	3.2	3.1	80.9	11.3	7.8				2.6	1.0	0.6	2.2	Avg. Bronze Entries
12.4	82.8	3.4	3.2	3.3	80.5	12.7	6.8				3.2	0.4	0.2	0.1	
20.9	81.9	3.1	2.9	3.1	86.1	7.5	6.4				4.0	0.2	0.6	0.8	Avg. White Entries
11.3	82.1	3.3	3.1	3.4	87.3	5.8	6.9				3.1	0.4	0.0	0.0	

KANSAS CENTRAL RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

ENTRANT	STRAIN OR TRADE NAME	COLOR	MORTALITY (%)			SEX	AVERAGE LIVE WEIGHT (lbs)						FEED CONVERSION	
			2 WEEKS	8 WEEKS	END OF TEST		8 WEEKS	12 WEEKS	20 WEEKS	22 WEEKS	24 WEEKS	26 WEEKS	METHO 1	METHO 2*
1. Brady Kansas	Nicholas	W			0.0	Toms	6.5	11.3	21.0		26.8	29.5	3.87	3.87
						Hens	5.4	8.9	14.5	15.7				
2. Browning Kentucky	Browning	B			6.0	Toms	6.2	10.8	21.1		27.4	30.9	4.02	3.80
						Hens	5.1	8.6	14.2	15.5				
3. Burlington Kansas	Rose-A-Linda	B			4.0	Toms	6.2	11.1	20.4		27.3	30.4	3.88	3.76
						Hens	4.7	8.3	13.5	15.4				
4. Cent. & Manh. Kansas	Kimber	B			0.0	Toms	6.2	10.7	21.4		27.3	31.6	3.76	3.76
						Hens	5.3	8.7	15.0	16.0				
5. Central Kans. Kansas	Keithley	W			4.0	Toms	5.9	10.1	20.0		25.3	28.4	4.00	3.84
						Hens	4.9	8.2	13.8	15.1				
6. Dietzel Kansas	Wrolstad	Med			0.0	Toms	4.5	8.0	14.9		19.6	21.3	4.12	4.12
						Hens	3.7	6.3	9.6	10.3				
7. Hilltop Kansas	Schmidt	B	Reported		0.0	Toms	5.9	10.3	20.3		26.5	29.9	3.74	3.74
						Hens	4.7	7.9	13.2	14.5				
8. Hilltop Kansas	Wilford 4C94	W	Reported		0.0	Toms	5.6	9.7	18.7		23.8	26.9	3.84	3.84
						Hens	4.4	7.4	12.6	14.1				
9. Lake Kansas	Meadowbrook MBX-100(SC)	B	Reported		0.0	Toms	6.0	10.3	20.0		26.2	29.9	3.74	3.69
						Hens	4.9	8.2	14.1	15.3				
10. Nicholas California	Nicholas (SC)	B	Not Reported		0.0	Toms	6.5	11.2	21.0		26.8	30.2	3.74	3.68
						Hens	5.1	8.6	14.1	15.8				
11. Stants Kansas	Segars	W	Not Reported		2.3	Toms	6.0	10.2	19.7		25.1	28.8	4.01	3.95
						Hens	4.9	7.9	13.1	14.3				
12. Waite Missouri	Waite's King Size	B			2.0	Toms	6.6	11.2	21.8		28.2	31.3	4.07	4.00
Average All Entries		B & W			1.5	Toms	6.0	10.4	20.0		25.9	29.1	3.90	3.84
Avg. Bronze Entries		B			1.7	Toms	6.2	10.8	20.9		27.1	30.6	3.85	3.78
Avg. White Entries		W			1.3	Toms	5.7	9.9	18.9		24.1	27.0	3.97	3.92

* Both sexes

Statistical Significance of Differences Between Entries



KANSAS CENTRAL RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

EVISCERATED		BREAST WIDTH (inches)	BODY DEPTH INCHES	KEEL LENGTH INCHES	OVER-ALL QUALITY % U. S. GRADE			% U. S. GRADE A FOR:			PERCENT WITH:				ENTRANT
					A	B	C	FLESHING	FINISH	FREEDOM OF PIN- FEATHERS	PENDU- LOUS CROP	ROACH BACK	LEG WEAK- NESS	BREAST BLISTERS	
WEIGHT (lbs.)	YIELD (%)														
23.9	80.9	4.8	8.9	7.7	83.3	4.2	12.5	100.0	100.0	100.0	0.0	4.0	0.0	12.0	1.
12.0	76.7	4.1	6.8	6.1	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Brady
25.0	80.8	4.4	9.1	8.1	78.3	0.0	17.4	100.0	100.0	100.0	0.0	0.0	0.0	15.4	2.
11.7	75.6	3.6	7.0	6.3	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Browning
25.0	82.3	5.3	8.8	7.6	77.8	11.1	11.1	100.0	100.0	100.0	0.0	10.3	3.4	10.3	3.
12.2	78.9	4.2	6.6	6.1	90.0	10.0	0.0	100.0	90.0	100.0	0.0	0.0	0.0	0.0	Burlington
25.7	81.4	4.9	8.8	7.9	84.0	0.0	16.0	100.0	100.0	100.0	0.0	0.0	0.0	16.0	4.
12.5	77.9	4.1	6.9	6.1	96.0	0.0	4.0	100.0	100.0	100.0	0.0	0.0	0.0	4.0	Cent. & Manh.
23.0	81.1	4.8	8.7	7.5	71.4	10.7	17.9	100.0	100.0	100.0	0.0	10.0	0.0	16.7	5.
11.6	76.5	3.9	6.8	6.1	95.0	5.0	0.0	100.0	100.0	100.0	0.0	5.0	0.0	0.0	Central Kansas
17.6	82.4	4.6	7.7	6.3	48.0	12.0	40.0	100.0	100.0	100.0	0.0	16.0	0.0	40.0	6.
8.4	80.9	3.8	5.9	5.0	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Dietzel
24.5	81.9	5.0	8.7	7.6	85.2	0.0	14.8	100.0	100.0	100.0	0.0	3.7	0.0	11.1	7.
11.1	76.4	4.1	6.8	6.0	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Hilltop
22.3	82.7	5.2	8.3	7.4	95.8	0.0	4.2	100.0	100.0	100.0	0.0	0.0	0.0	4.2	8.
10.9	77.3	4.1	6.6	5.7	92.3	7.7	0.0	100.0	100.0	100.0	0.0	7.7	0.0	0.0	Hilltop
24.3	81.3	4.7	8.9	7.9	60.7	3.6	32.1	100.0	100.0	100.0	0.0	6.9	0.0	31.0	9.
11.7	76.3	3.8	6.8	6.2	90.9	4.5	4.5	100.0	100.0	100.0	0.0	4.5	0.0	4.5	Lake
25.1	83.0	5.5	8.9	7.6	76.0	16.0	4.0	100.0	100.0	100.0	0.0	20.0	0.0	0.0	10.
12.2	76.9	4.3	6.7	5.9	84.0	12.0	4.0	100.0	100.0	100.0	4.0	16.0	0.0	0.0	Nicholas
23.1	80.1	4.5	8.8	7.5	57.9	10.5	31.6	100.0	100.0	100.0	0.0	10.0	0.0	30.0	11.
11.3	78.9	3.8	6.8	6.0	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Stants
25.0	80.0	4.1	9.4	8.2	64.0	24.0	12.0	92.0	100.0	100.0	0.0	15.4	0.0	11.5	12.
11.5	74.0	3.4	7.3	6.4	87.5	12.5	0.0	100.0	91.7	100.0	0.0	4.2	0.0	0.0	Waite
23.7	81.5	4.8	8.8	7.6	73.5	7.7	17.8	99.3	100.0	100.0	0.0	8.0	0.3	16.5	Average All Entries
11.4	76.9	3.9	6.8	6.0	94.6	4.3	1.0	100.0	98.5	100.0	0.3	3.1	0.0	0.7	
24.9	81.5	4.8	8.9	7.8	75.1	7.8	15.3	98.9	100.0	100.0	0.0	8.0	0.5	13.6	Avg. Bronze Entries
11.8	76.6	3.9	6.9	6.1	92.6	5.6	1.8	100.0	97.4	100.0	0.6	3.5	0.0	1.2	
22.0	81.4	4.8	8.5	7.3	71.3	7.5	21.2	100.0	100.0	100.0	0.0	8.0	0.0	20.6	Avg. White Entries
10.8	77.3	3.9	6.6	5.8	97.5	2.5	0.0	100.0	100.0	100.0	0.0	2.5	0.0	0.0	

Statistical Significance of Differences Between Entries

Breast Width

Toms

Entry No.	10	3	8	7	4	1	5	9	6	11	2	12
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Hens

Entry No.	10	3	4	8	1	7	5	9	11	6	2	12
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Body Depth

Toms

Entry No.	12	2	1	9	10	11	4	3	5	7	8	6
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Hens

Entry No.	12	2	4	1	11	7	5	9	10	3	8	6
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Keel Length

Toms

Entry No.	12	2	4	9	1	10	7	3	11	5	8	6
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Hens

Entry No.	12	2	9	1	4	5	3	11	7	10	8	6
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MINNESOTA CENTRAL RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

ENTRANT	STRAIN OR TRADE NAME	COLOR	MORTALITY (%)			SEX	AVERAGE LIVE WEIGHT (lbs)						FEED CONVERSION	
			2 WEEKS	8 WEEKS	END OF TEST		8* WEEKS	12* WEEKS	20 WEEKS	WEEKS	22 WEEKS	25 WEEKS	METHOD 1	METHOD 2
1. Anderson Minnesota	Nordman	B	1.0	2.0	3.0	Toms Hens	5.0	9.0	21.0 14.6		15.4	27.1		
2. Browning Kentucky	Browning	B	3.0	4.0	7.0	Toms Hens	5.3	9.5	21.8 15.2		15.7	27.5		
3. Farmers Minnesota	Farmers	B	1.0	2.0	5.0	Toms Hens	5.3	9.5	21.4 15.3		16.1	27.8		
4. Gozzi Connecticut	Gozzi 300	W	2.0	2.0	8.0	Toms Hens	4.8	8.4	19.8 13.8		14.7	25.5		
5. Janssen Michigan	Janssen Dutch Boy	B	2.0	3.0	5.0	Toms Hens	5.4	9.7	21.8 15.9		16.6	28.0		
6. Janssen Michigan	Janssen Dutch Boy	W	4.0	7.0	10.0	Toms Hens	5.0	9.0	19.5 14.1		14.5	25.2		
7. Jensen California	J-X (SC)	B	5.0	6.0	11.0	Toms Hens	5.1	9.3	21.7 14.7		15.4	27.6		
8. Land O'Lakes Minnesota	Kimber KB-33	B	2.0	4.0	9.0	Toms Hens	5.1	9.2	20.6 15.2		16.0	27.2		
9. Land O'Lakes Minnesota	Kimber KW-66	W	4.0	5.0	8.0	Toms Hens	5.4	9.6	20.4 14.7		15.4	25.8		
10. Morrow #3	Morrow #3	B	5.0	6.0	9.0	Toms Hens	4.9	8.6	19.9 14.2		14.7	26.0		
11. Nicholas California	Nicholas (SC)	B	5.0	5.0	6.0	Toms Hens	5.1	9.2	21.2 15.2		15.7	26.7	Not Reported	
12. Nicholas California	Nicholas	W	3.0	5.0	13.0	Toms Hens	5.5	9.9	20.3 15.0		15.5	26.1		
13. Sjulson Minnesota	Sjulson	B	4.0	4.0	8.0	Toms Hens	5.3	9.3	20.7 14.1		14.7	26.3		
14. Welkona Iowa	Wheeler	B	14.0	15.0	19.0	Toms Hens	5.6	10.0	22.8 15.4		16.2	28.7		
15. Welp Iowa	Welp B 1020	B	9.0	12.5	17.5	Toms Hens	5.2	9.1	20.7 14.7		15.3	27.0		
16. Williams California	Williams	B	3.0	3.0	7.0	Toms Hens	5.4	9.7	22.0 15.8		16.4	28.1		
Average All Entries		B & W	3.9	5.4	9.1	Toms Hens	5.2	9.3	20.9 14.9		15.5	26.9		
Avg. Bronze Entries		B	4.5	5.6	8.9	Toms Hens	5.2	9.3	21.3 15.0		15.7	27.3		
Avg. White Entries		W	3.3	4.8	9.8	Toms Hens	5.2	9.2	20.0 14.4		15.0	25.7		

* Both sexes

MINNESOTA CENTRAL RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

EVISCERATED		BREAST WIDTH (inches)	BODY DEPTH INCHES	KEEL LENGTH INCHES	OVER-ALL QUALITY % U. S. GRADE			% U. S. GRADE A FOR:			PERCENT WITH:				ENTRANT
WEIGHT (lbs)	YIELD (%)				A	B	C	FLESHING	FINISH	FREEOM OF PIN-FEATHERS	PENOU- LOUS CROP	ROACH BACK	LEG WEAK- NESS	BREAST BLISTERS	
21.8	80.4	3.9	10.2	7.8	97.7	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	1.
12.0	77.8	3.6	7.7	6.3	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Anderson
21.7	79.0	3.5	10.6	8.2	86.7	0.0	13.3	97.8	97.8	97.8	0.0	0.0	0.0	14.0	2.
11.9	76.0	3.3	8.0	6.7	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Browning
22.1	79.3	3.3	10.9	8.3	65.8	0.0	34.2	100.0	100.0	100.0	2.0	0.0	0.0	26.0	3.
12.2	75.7	3.2	8.2	6.7	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Farmers
20.3	79.6	3.9	10.1	7.5	94.3	0.0	5.7	100.0	100.0	100.0	0.0	0.0	0.0	4.0	4.
11.3	77.0	3.8	7.5	6.1	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Gozzi
22.5	80.3	4.1	10.2	7.8	86.7	0.0	13.3	95.6	95.6	95.6	0.0	4.0	0.0	8.0	5.
12.9	77.4	3.8	7.7	6.4	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Janssen
19.9	78.8	4.0	9.9	7.2	94.0	2.0	4.0	98.0	98.0	98.0	0.0	4.0	0.0	2.0	6.
11.0	75.7	3.8	7.4	6.0	96.8	0.0	3.2	96.8	96.8	96.8	0.0	0.0	0.0	0.0	Janssen
22.4	81.0	3.9	10.4	7.9	90.9	2.3	6.8	97.7	97.7	97.7	2.0	2.0	0.0	4.0	7.
11.7	75.5	3.4	8.0	6.6	95.4	2.3	2.3	95.5	100.0	100.0	0.0	0.0	0.0	0.0	Jensen
21.9	80.5	3.8	10.2	7.9	86.7	0.0	13.3	100.0	100.0	100.0	0.0	0.0	0.0	12.0	8.
12.2	76.0	3.6	7.7	6.4	100.0	0.0	0.0	97.4	100.0	100.0	0.0	0.0	0.0	0.0	Land O'Lakes
20.3	78.5	3.5	10.5	7.7	97.4	0.0	2.6	100.0	100.0	100.0	0.0	0.0	0.0	2.0	9.
11.7	76.3	3.5	7.9	6.4	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Land O'Lakes
20.5	79.1	3.6	10.2	8.0	97.7	0.0	2.3	100.0	100.0	100.0	0.0	0.0	0.0	2.0	10.
11.3	76.6	3.3	7.7	6.5	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Morrow
21.3	80.0	4.0	10.2	7.7	89.2	2.7	5.4	97.3	97.3	97.3	0.0	4.0	0.0	2.0	11.
12.2	77.6	3.7	7.7	6.2	96.0	2.0	2.0	98.0	100.0	100.0	0.0	0.0	0.0	0.0	Nicholas
20.4	78.3	3.5	10.6	7.8	97.5	0.0	2.5	100.0	100.0	100.0	0.0	0.0	0.0	2.0	12.
11.8	76.4	3.6	8.0	6.4	97.6	0.0	2.4	97.6	100.0	100.0	0.0	0.0	0.0	0.0	Nicholas
20.7	78.7	3.3	10.6	8.2	88.5	0.0	11.5	100.0	100.0	100.0	0.0	0.0	0.0	12.0	13.
11.1	75.9	3.3	8.1	6.7	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Sjulson
23.0	80.0	3.5	10.7	8.3	90.5	2.4	7.1	100.0	100.0	100.0	0.0	0.0	0.0	8.0	14.
12.3	75.8	3.2	7.9	6.6	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Welkona
21.4	79.3	3.4	10.4	8.0	93.3	0.0	3.3	100.0	100.0	100.0	2.5	0.0	0.0	0.0	15.
11.7	76.5	3.4	7.9	6.6	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Welp
22.6	80.3	4.0	10.2	7.8	87.0	2.2	8.7	97.8	97.8	97.8	0.0	2.0	0.0	8.0	16.
12.6	77.1	3.7	7.8	6.5	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Williams
21.4	79.6	3.7	10.4	7.9	90.2	0.7	8.4	99.0	99.0	99.0	0.4	1.0	0.0	6.6	Average All Entries
11.9	76.4	3.5	7.8	6.4	99.1	0.3	0.6	99.1	99.8	99.8	0.0	0.0	0.0	0.0	
21.8	79.8	3.7	10.4	8.0	88.4	0.8	9.9	98.9	98.9	98.9	0.5	1.0	0.0	8.0	Avg. Bronze Entries
12.0	76.5	3.5	7.9	6.5	99.3	0.4	0.4	99.2	100.0	100.0	0.0	0.0	0.0	0.0	
20.2	78.8	3.7	10.3	7.5	95.8	0.5	3.7	99.5	99.5	99.5	0.0	1.0	0.0	2.5	Avg. White Entries
11.5	76.3	3.6	7.7	6.2	98.6	0.0	1.4	98.6	99.2	99.2	0.0	0.0	0.0	0.0	

MINNESOTA CENTRAL RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

Statistical Significance of Differences Between Entries

Final Live Weight

Toms
Entry No. 14 16 5 3 7 2 8 1 15 11 13 12 10 9 4 6

Hens
Entry No. 5 16 14 3 8 11 2 12 7 1 9 15 10 13 4 6

Eviscerated Weight

Toms
Entry No. 14 16 5 7 3 8 1 2 15 11 13 10 12 4 9 6

Hens
Entry No. 5 16 14 3 11 8 1 2 12 9 15 7 4 10 13 6

Eviscerated Yield

Toms
Entry No. 7 8 1 16 5 14 11 4 15 3 10 2 6 13 9 12

Hens
Entry No. 1 11 5 16 4 10 15 12 9 8 2 13 14 3 6 7

Breast Width

Toms
Entry No. 5 11 16 6 1 4 7 8 10 12 9 2 14 15 13 3

Hens
Entry No. 5 6 4 16 11 1 8 12 9 7 15 10 2 13 14 3

Body Depth

Toms
Entry No. 3 14 13 2 12 9 15 7 1 16 11 10 8 5 4 6

Hens
Entry No. 3 13 2 12 7 9 14 15 16 11 8 5 1 10 4 6

Keel Length

Toms
Entry No. 3 14 13 2 15 10 8 7 16 1 5 12 9 11 4 6

Hens
Entry No. 3 2 13 14 15 7 16 10 9 12 5 8 1 11 4 6

CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA (Bronze)

Statistical Significance of Differences Between Entries

Final Live Weight

Toms
Entry No. 16 14 2 1 17 5 3 13 6 11 8 15 10 7 9 12 4

Hens
Entry No. 16 8 5 11 1 13 17 2 14 3 6 12 4 10 15 7 9

Eviscerated Weight

Toms
Entry No. 16 14 2 5 17 1 6 11 13 3 8 15 7 12 10 4 9

Hens
Entry No. 16 5 8 11 17 13 1 6 14 12 3 2 4 15 10 7 9

Eviscerated Yield

Toms
Entry No. 4 12 11 5 6 8 17 7 14 13 2 15 3 9 16 10 1

Hens
Entry No. 4 15 5 12 7 17 11 6 10 8 9 13 14 3 16 1 2

Breast Width

Toms
Entry No. 4 5 8 11 17 12 6 13 15 7 2 10 16 1 9 14 3

Hens
Entry No. 15 17 8 4 12 7 11 5 10 2 3 14 6 16 9 1 13

Body Depth

Toms
Entry No. 16 14 1 3 2 9 6 15 11 17 12 7 5 10 13 8 4

Hens
Entry No. 16 14 3 1 2 8 10 7 6 13 9 12 5 17 11 15 4

Keel Length

Toms
Entry No. 14 1 3 16 2 6 10 15 13 7 11 9 17 5 12 8 4

Hens
Entry No. 3 16 1 6 14 5 8 15 11 12 2 13 7 10 17 9 4

CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA (Bronze)

ENTRANT	STRAIN OR TRADE NAME	COLOR	MORTALITY (%)			SEX	AVERAGE LIVE WEIGHT (lbs)					FEED CONVERSION		
			2 WEEKS	8 WEEKS	END OF TEST		WEEKS	12 [*] WEEKS	WEEKS	22 WEEKS	WEEKS	26 WEEKS	METHOD 1	METHOD 2 [*]
1. Browning Kentucky	Browning	B	14.0	17.0	18.0	Toms Hens		8.5		16.2		30.3		
2. Gibbon Nebraska	Nebraska Hunter	B	8.0	12.0	13.0	Toms Hens		8.9		16.1		30.6		
3. Hildebrand Nebraska	Hildebrand	B	9.0	9.0	12.0	Toms Hens		8.1		15.9		29.7		
4. Janes Texas	Janes Male #1	B	15.0	16.0	17.0	Toms Hens		7.7		15.4		26.7		
5. Janssen Michigan	Janssen Dutch Boy	B	13.0	17.4	18.6	Toms Hens		8.7		16.6		29.7		
6. Jensen California	J-X (SC)	B	18.0	18.0	19.0	Toms Hens		8.3		15.9		29.4		
7. Meadowbrook California	Meadowbrook MBX-100 (SC)	B	8.0	8.0	8.0	Toms Hens		8.2		15.1		27.9		
8. Menefee Oregon	Menefee	B	14.0	15.0	15.0	Toms Hens		9.2		16.8		28.7		
9. Miller Canada	Ploen	B	7.0	9.0	9.0	Toms Hens		8.2		14.5		27.6	Not Reported	
10. Morrow Missouri	Morrow #2	B	19.0	22.0	23.0	Toms Hens		8.1		15.2		28.1	Not Reported	
11. Nicholas Canada	Nicholas (SC)	B	6.0	7.0	8.0	Toms Hens		8.6		16.3		29.3		
12. Nicholas California	Nicholas (SC)	B	15.0	17.0	17.0	Toms Hens		8.5		15.8		27.4		
13. Norbest Utah	Selma - Hunter 326	B	3.7	6.2	7.4	Toms Hens		8.8		16.2		29.6		
14. Waite Missouri	Waite's King Size	B	9.0	10.0	11.0	Toms Hens		8.7		16.0		30.7		
15. Washore Oregon	Hamilton (SC)	B	10.0	11.0	13.0	Toms Hens		8.3		15.2		28.6		
16. Welkona Iowa	Wheeler	B	12.0	12.0	13.0	Toms Hens		9.4		17.0		32.0		
17. Williams California	Williams	B	13.0	16.0	16.0	Toms Hens		8.5		16.1		29.7		
Average Bronze Entries		B	11.5	13.1	14.0	Toms Hens		8.5		15.9		29.2	3.76	3.74

*Both sexes

CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA (Bronze)

EVISCERATED		BREAST WIDTH (inches)	BODY DEPTH (inches)	KEEL LENGTH (inches)	OVER-ALL QUALITY % U. S. GRADE			% U. S. GRADE A FOR:			PERCENT WITH:				ENTRANT
WEIGHT (lbs)	YIELD (%)				A	B	C	FLESHING	FINISH	FREEDOM OF PIN- FEATHERS	PENDU- LOUS CROP	ROACH BACK	LEG WEAK- NESS	BREAST BLISTERS	
23.9	79.0	4.7	9.1	8.1	56.3	25.0	18.7				0.0	0.0	0.0	10.0	1. Browning
13.1	81.2	4.8	6.2	6.3	84.8	10.9	4.3				0.0	0.0	0.0	2.0	
24.5	79.9	4.9	8.9	8.0	65.1	16.3	18.6				0.0	0.0	0.0	14.0	2. Gibbon
13.0	80.7	5.0	6.1	6.2	95.2	4.8	0.0				0.0	0.0	0.0	0.0	
23.6	79.6	4.4	9.0	8.1	73.7	10.5	15.8				0.0	0.0	0.0	12.0	3. Hildebrand
13.0	81.4	5.0	6.2	6.3	77.3	18.2	4.5				0.0	0.0	0.0	2.0	
22.0	82.5	6.3	8.2	7.3	62.9	25.7	11.4				2.0	0.0	0.0	2.0	4. Janes
12.9	83.6	5.1	5.7	6.1	81.0	19.0	0.0				0.0	0.0	0.0	2.0	
24.1	81.1	6.1	8.7	7.7	78.6	17.8	3.6				0.0	0.0	0.0	6.5	5. Janssen
13.7	82.5	5.0	6.0	6.3	72.5	17.5	10.0				2.2	0.0	0.0	0.0	
23.9	81.1	5.3	8.8	8.0	71.0	25.8	3.2				2.0	0.0	0.0	6.0	6. Jensen
13.1	82.2	4.9	6.1	6.3	87.2	8.5	4.3				0.0	0.0	0.0	0.0	
22.4	80.2	4.9	8.7	7.8	80.8	14.9	4.3				0.0	0.0	0.0	2.0	7. Meadowbrook
12.4	82.3	5.0	6.1	6.1	91.7	8.3	0.0				0.0	0.0	0.0	0.0	
23.1	80.8	6.1	8.6	7.4	38.5	38.5	23.0				0.0	0.0	0.0	6.0	8. Menefee
13.7	81.8	5.2	6.1	6.3	80.0	8.9	11.1				0.0	0.0	0.0	0.0	
21.9	79.3	4.5	8.8	7.7	73.0	13.5	13.5	Reported	Reported	Reported	1.9	0.0	0.0	5.8	9. Miller
11.9	81.7	4.8	6.1	6.1	88.6	8.6	2.8				0.0	0.0	0.0	0.0	
22.2	79.0	4.7	8.7	7.9	66.7	7.7	25.6	Reported	Reported	Reported	0.0	0.0	0.0	6.0	10. Morrow
12.4	81.9	5.0	6.1	6.1	88.2	8.8	3.0				0.0	0.0	0.0	0.0	
23.7	81.1	5.8	8.7	7.8	75.0	13.6	11.4	Not Reported	Not Reported	Not Reported	0.0	0.0	0.0	4.0	11. Nicholas
13.4	82.3	5.0	6.0	6.2	89.1	8.7	2.2				0.0	0.0	0.0	0.0	
22.3	81.3	5.6	8.7	7.5	75.0	18.8	6.2	Not Reported	Not Reported	Not Reported	0.0	0.0	0.0	4.0	12. Nicholas
13.0	82.4	5.1	6.0	6.2	76.7	9.3	14.0				0.0	0.0	0.0	0.0	
23.6	80.0	5.3	8.7	7.9	81.4	7.0	11.6				0.0	0.0	0.0	7.0	13. Norbest
13.2	81.7	4.8	6.1	6.2	72.4	20.7	6.9				0.0	0.0	0.0	0.0	
24.6	80.2	4.5	9.1	8.3	68.8	16.7	14.5				0.0	0.0	0.0	0.0	14. Waite
13.0	81.4	4.9	6.3	6.3	71.8	23.1	5.1				0.0	0.0	0.0	0.0	
22.9	79.8	5.3	8.8	7.9	73.2	13.4	13.4				0.0	0.0	0.0	6.0	15. Washore
12.6	83.1	5.3	6.0	6.2	85.7	11.4	2.9				0.0	0.0	0.0	0.0	
25.3	79.2	4.7	9.3	8.1	68.9	11.1	20.0				0.0	0.0	0.0	6.0	16. Welkona
13.3	81.3	4.9	6.4	6.3	80.0	17.1	2.9				0.0	0.0	0.0	0.0	
24.0	80.6	5.8	8.7	7.7	76.0	16.0	8.0				0.0	0.0	0.0	2.0	17. Williams
13.8	82.3	5.2	6.0	6.1	91.7	5.5	2.8				0.0	0.0	0.0	0.0	
23.4	80.3	5.2	8.8	7.8	69.7	17.2	13.1				0.3	0.0	0.0	5.8	Avg. Bronze Entries
13.0	82.0	5.0	6.1	6.2	83.2	12.3	4.5				0.1	0.0	0.0	0.4	

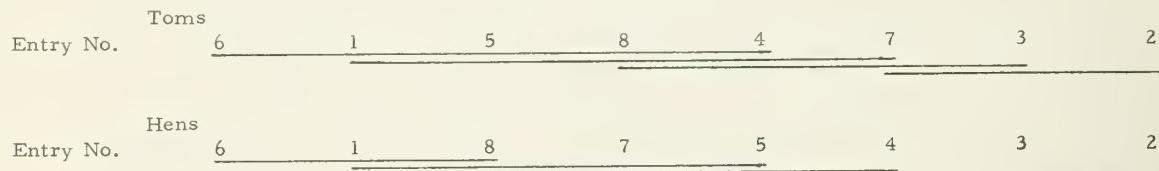
CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA (White)

ENTRANT	STRAIN OR TRADE NAME	COLOR	MORTALITY (%)			SEX	AVERAGE LIVE WEIGHT (lbs)					FEED CONVERSION		
			2 WEEKS	8 WEEKS	END OF TEST		WEEKS	12*	WEEKS	22 WEEKS	WEEKS	26 WEEKS	METHOD 1*	METHOD 2*
1. Anderson Massachusetts	Anderson Blockbuster	W	4.0	6.0	8.0	Toms Hens		8.5		15.4		27.7		
2. Gozzi Connecticut	Gozzi	W	6.0	8.0	10.0	Toms Hens		7.3		14.3		25.3		
3. Janssen Michigan	Janssen Dutch Boy	W	4.7	5.8	9.3	Toms Hens		7.7		14.6		26.3		
4. Jerome Wisconsin	Superline	W	5.0	9.0	11.0	Toms Hens		7.6		14.8		27.4		
5. Kimber California	Kimber KW-66	W	0.0	1.0	4.0	Toms Hens		8.0		14.9		27.7	Reported	Reported
6. Nicholas Canada	Nicholas	W	3.0	12.0	14.0	Toms Hens		8.5		15.6		28.3	Not Reported	Not Reported
7. Nicholas California	Nicholas	W	6.0	8.0	10.0	Toms Hens		8.1		15.0		26.6		
8. Segars California	Segars	W	2.0	6.0	9.0	Toms Hens		7.6		15.3		27.5		
Average White Entries		W	3.8	7.0	9.4	Toms Hens		7.9		14.9		27.1	3.86	3.72

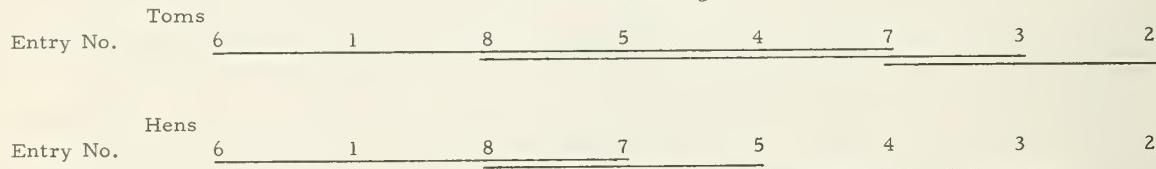
*Both sexes

Statistical Significance of Differences Between Entries

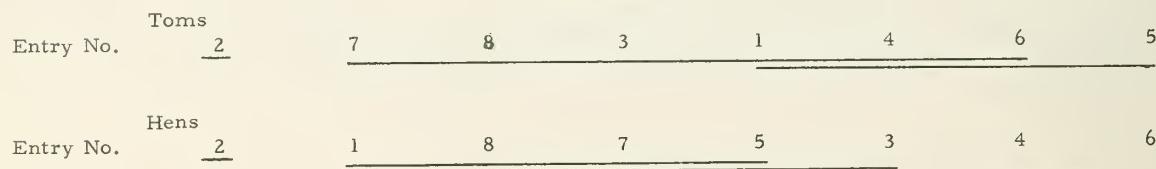
Final Live Weight



Eviscerated Weight



Eviscerated Yield

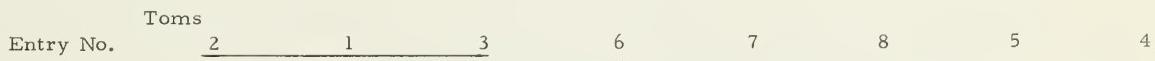


CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA (White)

EVISCERATED		BREAST WIDTH (Inches)	BODY DEPTH INCHES	KEEL LENGTH INCHES	OVER-ALL QUALITY % U. S. GRADE			% U. S. GRADE A FOR:			PERCENT WITH:				ENTRANT
WEIGHT (lbs)	YIELD (%)				A	B	C	FLESHING	FINISH	FREEDOM OF PIN- FEATHERS	PENDU- LOUS CROP	ROACH BACK	LEG WEAK- NESS	BREAST BLISTERS	
22.2	80.1	5.9	8.4	7.4	84.0	2.0	14.0				0.0	0.0	0.0	4.0	1.
12.6	82.0	5.1	5.9	6.1	89.5	7.9	2.6				0.0	0.0	0.0	0.0	Anderson
20.7	81.6	6.0	8.2	7.2	78.0	9.8	12.2				0.0	2.0	0.0	2.0	2.
11.9	83.0	5.0	5.7	6.1	89.1	10.9	0.0				0.0	0.0	0.0	0.0	Gozzi
21.1	80.3	5.9	8.2	7.1	73.2	12.2	14.6				0.0	4.7	0.0	2.3	3.
11.9	81.5	5.0	5.8	6.0	94.4	0.0	5.6				2.3	0.0	0.0	0.0	Janssen
21.8	79.9	5.2	8.4	7.4	80.4	2.2	17.4	Not Reported	Reported		0.0	4.0	0.0	10.0	4.
12.1	81.5	4.9	5.9	6.1	79.5	17.9	2.6				0.0	2.0	0.0	0.0	Jerome
21.9	79.2	5.3	8.6	7.6	76.3	10.5	13.2	Not Reported	Reported		0.0	0.0	0.0	4.0	5.
12.2	81.6	5.0	5.9	6.1	89.6	8.3	2.1				0.0	0.0	0.0	0.0	Kimber
22.5	79.9	5.7	8.5	7.6	73.9	15.2	10.9	Not	Not		0.0	0.0	0.0	2.0	6.
12.7	81.2	5.0	6.0	6.3	87.9	9.1	3.0				0.0	0.0	0.0	0.0	Nicholas
21.5	80.6	5.4	8.5	7.5	63.1	5.3	31.6				0.0	0.0	0.0	4.0	7.
12.4	81.9	5.0	5.9	6.2	83.0	17.0	0.0				0.0	0.0	0.0	0.0	Nicholas
22.1	80.3	5.4	8.3	7.5	77.1	5.7	17.2				0.0	0.0	0.0	0.0	8.
12.5	81.9	5.0	5.9	6.1	87.8	12.2	0.0				0.0	0.0	0.0	0.0	Segars
21.7	80.2	5.6	8.4	7.4	75.6	7.9	16.4				0.0	1.3	0.0	3.5	Avg. White Entries
12.3	81.8	5.0	5.9	6.1	87.6	10.4	2.0				0.3	0.3	0.0	0.0	

Statistical Significance of Differences Between Entries

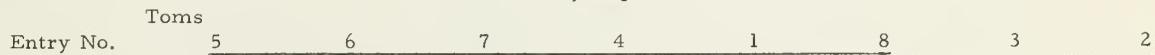
Breast Width



Hens



Body Depth



Hens



Keel Length



Hens



NORTH CAROLINA RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

ENTRANT	STRAIN OR TRADE NAME	COLOR	MORTALITY (%)			SEX	AVERAGE LIVE WEIGHT (lbs)						FEED CONVERSION	
			2 WEEKS	8 WEEKS	END OF TEST		WEEKS	12 WEEKS	WEEKS	21 WEEKS	WEEKS	24 WEEKS	METHOD 1	METHOD 2
1. Anderson Massachusetts	Anderson	B	3.0	4.0	5.3	Toms	12.4		25.4		28.8		3.63	3.62
2. Browning Kentucky	Browning	B	4.0	6.0	9.5	Hens	9.6		16.8					
3. Janssen Michigan	Janssen	B	4.0	4.0	6.5	Toms	10.5		21.8		24.7		3.82	3.72
4. Janssen Michigan	Dutch Boy	B	4.0	4.0	6.5	Hens	8.3		13.8					
5. Johnson N. Carolina	Janssen	W	2.0	4.0	5.0	Toms	12.1		24.8		28.0		3.64	3.63
6. Kimber California	Dutch Boy	B	15.0	17.0	21.5	Hens	9.5		16.2					
7. Nicholas California	Johnson	B				Toms	10.7		21.6		24.4		3.69	3.68
8. Rose-A-Linda California	Kimber	W	6.0	7.0	11.7	Hens	8.7		22.1		24.6		3.74	3.68
9. Segars California	KW-66	W				Toms	11.2		21.9		25.0		3.99	3.92
10. Williams California	Nicholas	W	4.0	5.0	8.8	Hens	8.5		14.1					
Average All Entries	Rose-A-Linda	B	4.0	4.0	7.8	Toms	12.0		23.0		25.7		3.97	3.86
Avg. Bronze Entries	Segars	W	3.0	5.0	8.7	Hens	9.0		14.9					
Avg. White Entries	Williams	B	4.0	5.0	8.8	Toms	11.2		22.8		25.8		3.64	3.60
		B & W	4.9	6.1	9.4	Hens	8.7		15.1					
		B	5.7	6.7	9.9	Toms	11.4		23.4		26.5		3.70	3.65
		W	3.8	5.3	8.6	Hens	9.0		15.4					
* Both sexes						Toms	11.3		22.3		25.4		3.92	3.86

Statistical Significance of Differences Between Entries

Final Live Weight

Entry No.	Toms									
	1	3	10	9	8	7	6	2	5	4
Entry No.	1	3	10	5	8	9	7	4	6	2

Entry No.	Hens									
	1	3	10	5	8	9	7	4	6	2

Eviscerated Weight

Entry No.	Toms									
	1	3	10	9	8	7	6	5	2	4

Entry No.	Hens									
	1	3	10	5	8	7	9	6	4	2

Eviscerated Yield

Entry No.	Toms									
	5	6	8	1	2	10	7	3	4	9

Entry No.	Hens									
	1	10	5	3	8	7	6	9	2	4

NORTH CAROLINA RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

EVISCERATED		BREAST WIDTH (inches)	BODY DEPTH INCHES	KEEL LENGTH INCHES	OVER-ALL QUALITY % U. S. GRADE			% U. S. GRADE A FOR:			PERCENT WITH:				ENTRANT
					A	B	C	FLESHING	FINISH	FREEOM OF PIN- FEATHERS	PENOU- LOUS CROP	ROACH BACK	LEG WEAK- NESS	BREAST BLISTERS	
WEIGHT (lbs)	YEILO (%)														
24.4	84.8	4.4	8.9	7.6	94.9	0.0	5.1	100.0	100.0	100.0	0.0	0.0	0.0	5.2	1.
13.8	82.3	4.7	7.0	7.8	92.5	0.0	7.5	100.0	100.0	100.0	5.0	0.0	0.0	0.0	Anderson
20.9	84.5	3.2	9.2	7.7	81.5	10.6	7.9	94.8	97.4	100.0	0.0	2.6	0.0	7.9	2.
11.0	79.7	3.8	6.9	6.9	85.0	7.5	7.5	95.0	100.0	100.0	5.0	2.5	0.0	0.0	Browning
23.6	84.3	4.3	8.9	7.5	86.8	5.3	7.9	97.4	100.0	100.0	2.6	0.0	0.0	2.6	3.
13.3	82.2	4.6	6.9	7.1	87.5	5.0	7.5	100.0	100.0	100.0	5.0	5.0	0.0	0.0	Janssen
20.5	84.3	3.7	8.6	7.0	85.4	12.2	2.4	100.0	100.0	100.0	0.0	4.9	0.0	7.4	4.
11.3	79.3	4.3	6.5	6.8	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Janssen
21.1	85.6	4.3	8.6	7.2	80.0	8.8	11.2	97.5	100.0	100.0	0.0	0.0	0.0	8.8	5.
12.5	82.2	4.6	6.7	7.3	89.4	5.3	5.3	100.0	100.0	100.0	2.6	5.3	0.0	0.0	Johnson
21.2	85.0	3.7	9.0	7.4	84.7	12.7	0.0	100.0	97.5	100.0	2.6	0.0	0.0	0.0	6.
11.4	81.0	4.1	6.9	6.9	92.5	5.0	2.5	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Kimber
21.7	84.3	3.9	9.0	7.4	86.9	10.5	2.6	100.0	97.4	100.0	0.0	0.0	0.0	2.6	7.
12.2	81.5	4.2	6.9	7.5	88.4	4.8	6.8	100.0	100.0	100.0	2.5	2.2	0.0	0.0	Nicholas
21.9	84.9	4.0	8.8	7.4	89.7	2.5	7.8	100.0	100.0	100.0	2.5	2.6	0.0	5.2	8.
12.4	81.8	4.4	6.7	6.8	92.1	0.0	7.9	100.0	100.0	100.0	2.6	0.0	0.0	0.0	Rose-A-Linda
22.1	83.7	3.9	9.1	7.4	83.8	5.4	7.9	94.8	100.0	100.0	0.0	0.0	0.0	13.6	9.
12.1	80.8	4.1	7.0	6.8	93.2	4.6	2.2	100.0	100.0	100.0	2.2	0.0	0.0	0.0	Segars
22.8	84.5	3.8	9.0	7.5	82.5	5.0	12.5	100.0	100.0	100.0	0.0	5.0	0.0	5.0	10.
12.7	82.2	4.3	6.8	7.2	86.3	2.6	11.0	100.0	100.0	100.0	2.8	0.0	0.0	5.4	Williams
22.0	84.6	3.9	8.9	7.4	85.6	7.3	6.5	98.5	99.2	100.0	0.8	1.5	0.0	5.8	Average All
12.3	81.3	4.3	6.8	7.1	90.7	3.5	5.8	99.5	100.0	100.0	2.8	2.0	0.0	0.5	Entries
22.5	84.8	4.0	8.9	7.5	85.9	5.4	8.7	98.3	99.6	100.0	0.9	1.7	0.0	5.8	Avg. Bronze
12.6	81.7	4.4	6.8	7.2	88.8	3.4	7.8	99.2	100.0	100.0	3.8	2.1	0.0	0.9	Entries
21.2	84.3	3.8	8.9	7.3	85.2	5.1	3.2	98.7	98.7	100.0	0.7	1.2	0.0	5.7	Avg. White
11.8	80.7	4.2	6.8	7.0	93.5	3.6	2.9	100.0	100.0	100.0	1.2	1.8	0.0	0.0	Entries

Statistical Significance of Differences Between Entries

Breast Width

Toms		Breast Width									
Entry No.		1	3	5	8	7	9	10	6	4	2

Hens		Breast Width									
Entry No.		1	3	5	8	10	4	7	9	6	2

Body Depth

Toms		Body Depth									
Entry No.		2	9	7	10	6	1	3	8	5	4

Hens		Body Depth									
Entry No.		9	1	3	2	7	6	10	8	5	4

Keel Length

Toms		Keel Length									
Entry No.		2	1	10	3	9	7	8	6	5	4

Hens		Keel Length									
Entry No.		1	7	5	10	3	2	6	9	4	8

NORTH DAKOTA CENTRAL RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

ENTRANT	STRAIN OR TRADE NAME	COLOR	MORTALITY (%)			SEX	AVERAGE LIVE WEIGHT (lbs)						FEED CONVERSION	
			2 WEEKS	8 WEEKS	END OF TEST		WEEKS	12*	WEEKS	22 WEEKS	WEEKS	24 WEEKS	METHOD 1	METHOD 2
1. Anderson Massachusetts	Anderson	B	2.0	2.0	5.0	Toms Hens				26.0 17.7		30.7		
2. Browning Kentucky	Browning	B	8.0	10.0	12.0	Toms Hens		10.2		23.6 15.4		27.8		
3. Central Kansas Kansas	Keithley	W	2.0	3.0	6.0	Toms Hens		9.1		21.9 14.5		25.9		
4. Hart Oregon	Hart - Schneider	B	3.0	3.0	5.0	Toms Hens		9.6		22.7 14.6		26.5		
5. Janssen Michigan	Janssen Dutch Boy	B	5.0	7.0	10.0	Toms Hens		10.4		24.6 17.1		28.6		
6. Janssen Michigan	Janssen Dutch Boy	W	2.0	3.0	5.0	Toms Hens		9.1		21.9 14.7		26.0		
7. Land O'Lakes N. Dakota	Kimber KB-33	B	2.0	6.0	10.0	Toms Hens		10.2		24.1 15.9		28.2		
8. Miller** Canada	Ploen	B	2.0	6.0	9.0	Toms Hens		8.8		21.1 14.3		24.5		
9. Nicholas California	Nicholas	W	2.0	2.0	6.0	Toms Hens		10.3		23.0 15.7		26.8		
10. Nokota N. Dakota	Nicholas	W	5.0	5.0	14.0	Toms Hens		9.4		22.6 15.2		25.9		
11. Oregon Giant Oregon	Oregon Giant	B	5.0	5.0	8.0	Toms Hens		9.2		22.1 14.9		25.8	Not Reported	
12. Segars California	Segars	W	4.0	7.0	16.0	Toms Hens		9.4		21.8 15.0		26.0	Not Reported	
13. Welkona Iowa	Wheeler	B	1.0	1.0	3.0	Toms Hens		10.0		24.3 15.9		28.0		
14. Wenzel Illinois	Wenzel	B	3.0	5.0	7.0	Toms Hens		9.3		22.6 15.1		26.0		
15. Williams California	Williams	B	6.0	9.0	13.0	Toms Hens		10.0		24.1 16.1		27.8		
Average All Entries		B & W	3.6	4.9	8.6	Toms Hens		9.8		23.2 15.6		27.1		
Avg. Bronze Entries		B	3.9	5.3	8.1	Toms Hens		10.0		23.8 15.9		27.7		
Avg. White Entries		W	3.0	4.0	9.4	Toms Hens		9.5		22.2 15.0		26.1		

* Both sexes

** Poults started one week later than others. Results not included in test averages and analysis.

NORTH DAKOTA CENTRAL RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

EVISCERATED		BREAST WIDTH (inches)	BODY DEPTH (inches)	KEEL LENGTH (inches)	OVER-ALL QUALITY % U. S. GRADE			% U. S. GRADE A FOR:			PERCENT WITH:				ENTRANT
WEIGHT (lb.)	YEILD (%)				A	B	C	FLESHING	FINISH	FREEDOM OF PIN- FEATHERS	PENDU- LOUS CROP	ROACH BACK	LEG WEAK- NESS	BREAST BLISTERS	
25.9	84.4	5.5	9.5	7.7	93.8	3.1	3.1	100.0	100.0	100.0	2.0	0.0	1.0	2.0	1. Anderson
14.4	81.5	4.6	7.5	6.4	92.7	0.0	7.3	100.0	100.0	100.0	6.0	0.0	0.0	0.0	
23.1	83.1	4.3	9.7	7.8	89.2	2.7	8.1	100.0	97.3	100.0	0.0	0.0	0.0	6.0	2. Browning
12.5	81.0	3.7	7.7	6.6	96.2	0.0	3.8	100.0	100.0	100.0	2.0	0.0	0.0	0.0	
22.0	84.7	4.8	9.3	7.4	86.5	10.8	2.7	100.0	97.3	100.0	0.0	0.0	0.0	8.0	3. Central Kansas
11.9	81.8	4.0	7.2	6.1	89.4	2.1	8.5	100.0	95.8	100.0	6.0	0.0	0.0	0.0	
22.3	84.3	4.7	9.6	7.6	93.7	4.2	2.1	100.0	100.0	100.0	0.0	0.0	1.0	4.0	4. Hart
12.1	82.5	4.0	7.4	6.4	94.2	2.9	2.9	100.0	97.1	100.0	2.0	0.0	0.0	0.0	
24.0	84.1	5.4	9.3	7.5	97.6	0.0	2.4	100.0	100.0	100.0	0.0	2.0	2.0	0.0	5. Janssen
13.8	81.0	4.5	7.5	6.4	93.3	0.0	6.7	100.0	100.0	100.0	2.0	0.0	0.0	0.0	
21.6	83.3	5.0	9.0	7.0	97.4	2.6	0.0	100.0	100.0	100.0	0.0	2.0	1.0	0.0	6. Janssen
12.1	82.3	4.2	7.2	6.0	88.9	2.2	8.9	100.0	97.8	100.0	3.0	0.0	0.0	0.0	
23.7	84.2	4.8	9.5	7.6	91.3	2.2	6.5	100.0	100.0	100.0	2.0	2.0	1.0	6.0	7. Land O'Lakes
13.0	81.4	4.1	7.4	6.5	96.2	3.8	0.0	100.0	96.2	100.0	0.0	0.0	0.0	0.0	
20.4	83.2	4.1	9.5	7.5	88.6	5.7	5.7	100.0	96.2	100.0	1.9	1.9	0.0	5.7	8. Miller**
11.3	79.0	3.5	7.4	6.4	77.8	11.1	11.1	100.0	88.9	100.0	4.3	0.0	0.0	0.0	
22.4	83.6	4.5	9.6	7.5	96.2	1.9	1.9	100.0	98.1	100.0	0.0	0.0	0.0	1.9	9. Nicholas
12.7	81.2	4.0	7.4	6.3	96.8	0.0	3.2	100.0	100.0	100.0	2.0	0.0	0.0	0.0	
21.4	82.6	4.5	9.5	7.4	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	5.0	0.0	10. Nokota
12.4	81.6	3.9	7.5	6.3	93.5	0.0	6.5	100.0	97.8	100.0	4.0	0.0	0.0	0.0	
21.9	84.6	5.1	9.1	7.2	97.8	2.2	0.0	100.0	100.0	100.0	0.0	2.0	1.0	0.0	11. Oregon Giant
12.3	82.9	4.4	7.2	6.1	94.1	0.0	5.9	100.0	100.0	100.0	4.0	0.0	0.0	0.0	
21.9	84.2	4.4	9.5	7.5	93.2	4.5	2.3	100.0	97.7	100.0	0.0	0.0	7.0	4.0	12. Segars
12.3	82.1	3.8	7.4	6.3	93.9	0.0	6.1	100.0	100.0	100.0	2.0	0.0	0.0	0.0	
23.6	84.2	4.6	9.7	7.8	94.0	3.0	3.0	100.0	100.0	100.0	0.0	2.0	0.0	2.0	13. Welkona
12.8	80.8	3.9	7.7	6.6	93.5	0.0	6.5	100.0	100.0	100.0	4.0	0.0	0.0	0.0	
21.6	83.2	4.5	9.3	7.5	86.0	4.7	9.3	100.0	95.3	100.0	2.0	0.0	1.0	8.0	14. Wenzel
12.4	81.9	4.0	7.4	6.4	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	
23.4	84.2	5.0	9.5	7.5	97.1	2.9	0.0	100.0	97.1	100.0	0.0	0.0	4.0	0.0	15. Williams
13.2	82.1	4.3	7.5	6.5	94.4	0.0	5.6	100.0	97.2	100.0	2.0	0.0	0.0	0.0	
22.8	83.9	4.8	9.4	7.5	93.8	3.2	3.0	100.0	98.8	100.0	0.4	0.7	1.7	3.0	Avg. All Entries
12.7	81.7	4.1	7.4	6.4	94.1	0.8	5.1	100.0	98.7	100.0	2.8	0.0	0.0	0.0	
23.3	84.0	4.9	9.5	7.6	93.4	2.8	3.8	100.0	98.9	100.0	0.7	0.9	1.2	3.1	Avg. Bronze Entries
12.9	81.7	4.2	7.5	6.4	95.0	0.7	4.3	100.0	98.9	100.0	2.4	0.0	0.0	0.0	
21.9	83.7	4.6	9.4	7.4	94.7	4.0	1.4	100.0	98.6	100.0	0.0	0.4	2.6	2.8	Avg. White Entries
12.3	81.8	4.0	7.3	6.2	92.5	0.9	6.6	100.0	98.3	100.0	3.4	0.0	0.0	0.0	

* Both sexes

** Poults started one week later than others. Results not included in test averages and analysis.

NORTH DAKOTA CENTRAL RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

Statistical Significance of Differences Between Entries

Final Live Weight

Toms
Entry No. 1 5 7 13 2 15 9 4 12 14 6 10 3 11

Hens
Entry No. 1 5 15 13 7 9 2 10 14 12 11 6 4 3

Eviscerated Weight

Toms
Entry No. 1 5 7 13 15 2 9 4 3 12 11 6 14 10

Hens
Entry No. 1 5 15 7 13 9 2 10 14 11 12 6 4 3

Eviscerated Yield

Toms
Entry No. 3 11 1 4 7 12 13 15 5 9 6 14 2 10

Hens
Entry No. 11 4 6 12 15 14 3 10 1 7 9 5 2 13

Breast Width

Toms
Entry No. 1 5 11 6 15 7 3 4 13 9 10 14 12 2

Hens
Entry No. 1 5 11 15 6 7 9 4 3 14 10 13 12 2

Body Depth

Toms
Entry No. 2 13 9 10 12 7 1 15 4 3 5 14 11 6

Hens
Entry No. 2 13 1 10 15 5 7 9 12 14 4 3 6 11

Keel Length

Toms
Entry No. 2 13 1 7 5 9 5 12 15 14 10 3 11 6

Hens
Entry No. 2 13 7 15 1 14 5 4 10 9 12 3 11 6

CENTRAL RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST OF PENNSYLVANIA

Statistical Significance of Differences Between Entries

Final Live Weight

	Toms																
Entry No.	9	4	17	6	12	13	8	2	10	5	7	15	1	14	3	16	11

	Hens																
Entry No.	9	4	17	10	6	1	7	12	8	13	2	3	5	15	16	14	11

Eviscerated Weight

	Toms																
Entry No.	9	4	17	6	12	10	13	8	2	7	5	14	15	1	3	11	16

	Hens																
Entry No.	9	4	10	17	6	7	1	2	12	15	13	8	3	5	16	14	11

Eviscerated Yield

Dressing percentage was reported by entries only, not by individual birds, therefore this method of analysis could not be applied.

Breast Width

	Toms																
Entry No.	9	15	7	4	10	17	5	2	6	3	14	8	12	16	11	13	1

	Hens																
Entry No.	9	7	10	15	4	17	6	2	3	5	14	1	12	8	13	16	11

Body Depth

	Toms																
Entry No.	8	13	1	12	16	14	11	6	5	17	2	4	3	9	10	7	15

	Hens																
Entry No.	1	12	8	13	6	15	7	17	16	4	9	10	14	2	5	3	11

Keel Length

	Toms																
Entry No.	8	1	17	13	12	6	4	10	7	2	9	3	15	14	11	16	5

	Hens																
Entry No.	1	4	6	9	17	2	8	7	3	10	13	16	15	5	12	14	11

CENTRAL RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST OF PENNSYLVANIA

ENTRANT	STRAIN OR TRADE NAME	COLOR	MORTALITY (%)			SEX	AVERAGE LIVE WEIGHT (lbs)						FEED CONVERSION	
			2 WEEKS	8 WEEKS	END OF TEST		8 WEEKS	WEEKS	12 WEEKS	WEEKS	22 WEEKS	25 WEEKS	METHOD 1	METHOD 2
1. Browning Kentucky	Browning	B	0.0	1.7	3.7	Toms Hens	4.3 4.1		10.5 8.5		16.9	27.4	3.67 3.66	3.58 3.66
2. Ephrata Pennsylvania	Hamilton (SC)	B	1.7	2.5	4.5	Toms Hens	3.9 3.8		9.7 8.3		16.5	28.4	3.56 3.42	3.49 3.42
3. Gozzi Connecticut	Gozzi	W	0.0	0.0	0.0	Toms Hens	3.6 3.3		9.8 7.8		16.4	26.2	3.79 3.27	3.79 3.27
4. Janssen Michigan	Janssen Dutch Boy	B	2.4	2.4	3.6	Toms Hens	4.1 3.8		10.5 9.0		18.2	30.4	3.44 3.46	3.40 3.46
5. Janssen Michigan	Janssen Dutch Boy	W	0.0	2.8	8.2	Toms Hens	4.4 3.7		10.3 7.4		16.2	28.0	3.70 3.68	3.55 3.61
6. Meadowbrook California	Meadowbrook MBX-100 (SC)	B	0.0	0.0	6.0	Toms Hens	4.3 4.1		10.5 8.6		17.1	29.8	3.71 3.51	3.51 3.48
7. Menefee Oregon	Menefee	B	0.0	0.8	8.8	Toms Hens	4.9 4.2		10.3 8.7		16.8	27.9	3.84 3.49	3.60 3.49
8. Nicholas California	Nicholas	W	0.0	0.8	0.8	Toms Hens	5.2 3.3		11.1 8.2		16.7	28.5	3.89 3.58	3.89 3.58
9. Nicholas California	Nicholas Male Line	B	2.8	2.8	7.9	Toms Hens	5.0 3.9		10.7 8.6		19.0	30.5	3.70 3.15	3.50 3.15
10. Palmateer Pennsylvania	Rose-A-Linda	B	0.0	1.7	5.7	Toms Hens	4.5 4.3		10.2 8.6		17.3	28.2	3.69 3.41	3.53 3.41
11. Martin Pennsylvania	Martin	W	0.8	2.5	4.5	Toms Hens	4.3 3.1		9.7 6.9		14.7	25.6	3.91 3.32	3.83 3.32
12. Schultz New York	Schultz (SC)	W	0.0	0.0	3.0	Toms Hens	4.8 3.2		10.5 7.5		16.7	28.7	3.64 3.44	3.56 3.41
13. Segars California	Segars	W	1.7	3.3	10.3	Toms Hens	4.7 4.1		9.9 7.9		16.7	28.6	3.87 3.69	3.70 3.57
14. Shaw Massachusetts	Shaw	W	0.0	0.0	0.0	Toms Hens	4.4 3.7		9.8 7.4		15.6	27.1	3.68 3.59	3.68 3.59
15. Shearer Pennsylvania	Shearer	B	0.0	0.9	2.9	Toms Hens	4.0 4.0		9.7 8.1		16.1	27.5	3.55 3.47	3.47 3.47
16. Wila Pennsylvania	Keithley	W	0.0	0.0	3.0	Toms Hens	4.7 3.0		10.5 7.5		15.8	26.1	3.81 3.59	3.71 3.55
17. Williams California	Williams	B	0.8	0.8	4.8	Toms Hens	3.9 3.4		10.6 8.6		17.4	30.2	3.61 3.37	3.46 3.37
Average All Entries		B&W	0.6	1.4	4.6	Toms Hens	4.4 3.7		10.3 8.1		16.7	28.2	3.71 3.48	3.60 3.46
Avg. Bronze Entries		B	0.9	1.5	5.3	Toms Hens	4.3 4.0		10.3 8.6		17.3	28.9	3.64 3.44	3.50 3.43
Avg. White Entries		W	0.3	1.2	3.7	Toms Hens	4.5 3.4		10.2 7.6		16.1	27.4	3.79 3.52	3.71 3.49

CENTRAL RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST OF PENNSYLVANIA

EVISCERATED		OVER-ALL QUALITY % U. S. GRADE				% U. S. GRADE A FOR:			PERCENT WITH:				ENTRANT			
WEIGHT (lbs)	YEILO (%)	BREAST WIDTH INCHES	BODY DEPTH INCHES	KEEL LENGTH INCHES		A	B	C	FLESHING	FINISH	FEEDING OF PIN- FEATHERS	PENDU- LOUS CROP	ROACH BACK	LEG WEAK- NESS	BREAST BLISTERS	
22.3	81.4	6.1	8.9	7.7	89.6	10.4	0.0	91.7	97.9	100.0	0.0	2.0	14.0	8.0	1.	Browning
13.8	81.7	6.2	7.2	7.0	84.0	16.0	0.0	100.0	90.0	94.0	0.0	0.0	0.0	0.0		
23.7	83.5	7.2	8.6	7.5	91.7	8.3	0.0	100.0	97.9	93.8	0.0	0.0	8.0	0.0	2.	Ephrata
13.7	83.0	6.6	6.8	6.7	92.0	8.0	0.0	100.0	94.0	98.0	0.0	0.0	0.0	0.0		
22.1	84.4	7.1	8.4	7.4	95.9	4.1	0.0	95.9	100.0	100.0	0.0	0.0	4.0	0.0	3.	Gozzi
13.3	81.1	6.5	6.7	6.6	84.0	16.0	0.0	100.0	84.0	100.0	0.0	0.0	0.0	0.0		
25.3	83.2	7.5	8.5	7.5	95.1	4.9	0.0	100.0	95.1	100.0	0.0	2.0	6.0	2.0	4.	Janssen
15.0	82.4	6.8	6.9	6.9	97.4	2.6	0.0	100.0	97.4	100.0	0.0	0.0	0.0	0.0		
23.1	82.5	7.2	8.6	7.2	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	4.0	0.0	5.	Janssen
13.0	80.2	6.4	6.8	6.4	86.8	13.2	0.0	100.0	86.8	100.0	0.0	4.0	0.0	0.0		
24.7	82.9	7.1	8.7	7.6	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	10.0	0.0	6.	Meadowbrook
14.0	81.9	6.6	7.0	6.9	89.6	10.4	0.0	100.0	91.7	95.8	0.0	2.0	2.0	2.0		
23.3	83.5	7.6	8.3	7.5	92.5	7.5	0.0	100.0	95.0	97.5	0.0	0.0	22.0	0.0	7.	Menefee
13.9	82.7	7.0	6.9	6.6	76.0	24.0	0.0	100.0	76.0	100.0	0.0	0.0	0.0	0.0		
23.7	83.2	6.7	9.1	7.8	98.0	2.0	0.0	98.0	100.0	100.0	0.0	0.0	4.0	0.0	8.	Nicholas
13.4	80.2	6.1	7.0	6.7	87.8	12.2	0.0	100.0	87.8	100.0	0.0	2.0	0.0	0.0		
26.6	87.2	8.4	8.4	7.5	95.3	4.7	0.0	97.7	97.7	100.0	0.0	2.0	14.0	0.0	9.	Nicholas
16.0	84.2	7.8	6.9	6.8	79.2	20.8	0.0	100.0	91.7	87.5	0.0	2.0	0.0	0.0		
24.2	85.8	7.4	8.4	7.5	97.9	2.1	0.0	97.9	100.0	100.0	0.0	0.0	8.0	0.0	10.	Palmateer
14.3	82.7	6.9	6.9	6.6	85.7	14.3	0.0	100.0	95.9	89.8	0.0	0.0	0.0	0.0		
21.8	85.2	6.5	8.8	7.3	97.9	2.1	0.0	97.9	97.9	100.0	0.0	0.0	6.0	2.0	11.	Martin
11.7	79.6	5.9	6.7	6.3	94.0	6.0	0.0	100.0	94.0	100.0	0.0	2.0	2.0	0.0		
24.4	85.0	6.7	8.9	7.6	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	4.0	0.0	12.	Schultz
13.7	82.0	6.2	7.1	6.4	93.9	6.1	0.0	100.0	93.9	100.0	0.0	0.0	2.0	0.0		
23.9	83.6	6.5	9.1	7.6	97.8	2.2	0.0	100.0	97.8	100.0	0.0	0.0	8.0	0.0	13.	Segars
13.4	80.2	6.1	7.0	6.6	93.6	6.4	0.0	100.0	93.6	100.0	4.0	2.0	6.0	0.0		
23.1	85.2	7.1	8.8	7.3	98.0	2.0	0.0	100.0	98.0	100.0	0.0	2.0	2.0	0.0	14.	Shaw
12.6	80.8	6.2	6.9	6.4	90.0	10.0	0.0	100.0	90.0	100.0	0.0	2.0	0.0	0.0		
23.0	83.6	7.7	8.1	7.4	85.1	14.9	0.0	95.7	100.0	89.4	0.0	0.0	18.0	0.0	15.	Shearer
13.5	83.9	6.8	7.0	6.4	77.1	22.9	0.0	100.0	91.7	85.4	0.0	0.0	0.0	0.0		
21.6	82.8	6.6	8.8	7.3	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	4.0	0.0	16.	
12.7	80.4	6.1	6.9	6.4	93.8	6.2	0.0	100.0	93.8	100.0	0.0	0.0	2.0	0.0		Wila
25.1	83.1	7.4	8.6	7.7	95.7	4.3	0.0	97.8	100.0	97.8	0.0	0.0	12.0	2.0	17.	
14.2	81.6	6.7	6.9	6.8	86.0	14.0	0.0	100.0	86.0	100.0	4.0	2.0	0.0	0.0		Williams
23.6	83.7	7.1	8.6	7.5	95.9	4.1	0.0	98.4	98.7	98.7	0.0	0.5	8.7	0.8	Average All	
13.7	81.7	6.5	6.9	6.6	87.7	12.3	0.0	100.0	90.5	97.1	0.5	1.1	0.8	0.1	Entries	
24.3	83.8	7.4	8.5	7.5	93.7	6.3	0.0	97.9	98.2	97.6	0.0	0.7	12.4	1.3	Avg. Bronze	
14.3	82.7	6.8	6.9	6.7	85.2	14.8	0.0	100.0	90.5	94.5	0.4	0.7	0.2	0.2	Entries	
23.0	83.7	6.8	8.8	7.4	98.5	1.6	0.0	99.0	99.2	100.0	0.0	0.3	4.5	0.3	Avg. White	
13.0	80.6	6.2	6.9	6.5	90.5	9.5	0.0	100.0	90.5	100.0	0.5	1.5	1.5	0.0	Entries	

1961 TURKEY MEAT PRODUCTION TESTS

California Random Sample Turkey Meat Production Test, Keyes
(Superintendent: Emery A. Johnson, Route 3, 2718 No. 99 Highway, Modesto)

Kansas Central Random Sample Turkey Meat Production Test
(Supervisor: Harry J. Reed, Kansas Poultry Association, P. O. Box 663, Manhattan)

Minnesota Central Random Sample Turkey Meat Production Test
(Supervisor: Robert E. Moehrle, State Office Building, St. Paul 1)

Central Turkey Meat Production Test of Nebraska
(Supervisor: John L. Skinner, Poultry Husbandry Building, University of Nebraska, Lincoln 3)

North Carolina Random Sample Turkey Meat Production Test, Salisbury
(Supervisor: G. A. Martin, Poultry Science Department, North Carolina State College, Raleigh)

North Dakota Central Random Sample Turkey Meat Production Test
(Supervisor: David Dickens, North Dakota Poultry Improvement Board, Bismarck)

Central Random Sample Turkey Meat Production Test of Pennsylvania
(Supervisor: Charles W. Dorsey, Department of Agriculture, Harrisburg)

ENTRIES IN TURKEY MEAT PRODUCTION TESTS, 1954 - 1961

Tests	1954	1955	1956	1957	1958	1959	1960	1961
Texas	9	22	30	32	23	21	16	--
Massachusetts		18	20	20	20	--	--	--
Nebraska		26	30	39	32	19	30	25
Pennsylvania		12	14	20	30	17	18	17
California			20	20	20	20	20	19
Minnesota			20	20	20	16	18	16
Kansas					9	12	12	12
North Dakota						16	14	13
North Carolina							10	10
Total	9	78	134	151	170	119	137	114

Information in this report was compiled by the Animal Husbandry Research Division,
Agricultural Research Service, from data supplied by the Test Supervisors
and analyzed by Biometrical Services, ARS



Growth Through Agricultural Progress